

Dobrý sluha, zlý pán

Ochrana dat pomocí šifrovacího klíče bez ohledu na vaše odvětví, aplikaci nebo prostředí

Petr Kunstat
Oct 2023

Jak si chráníte Vaše IT ?



Thales pomáhá chránit vaše nejcitlivější data ať jsou kdekoliv



Discover

Umíme data najít ,
klasifikovat



Protect

Citlivá data
můžeme ihned
zašifrovat nebo
maskovat



Control

A přístup k datům
(klíči) monitorovat a
aktivně řídit

Všechny klíče, secrets, certifikáty jsou spravovány v jedné platformě

Windowsáři, Linuxáci,
Databázisti, Storydžáci –
používají jeden KMS

Jedna platforma pro Cloud i lokální IT,
tak abyste měli Datovou Suverenitu

Politiky přístupu na jednom místě , pro
všechny typy uložišť dat.

Thales CipherTrust Data Security Platform

Discovery

Encryption and Tokenization

Key management



Discovery
and Classification



Transparent
Encryption



Database
Protection



Application
Data Protection



Tokenization

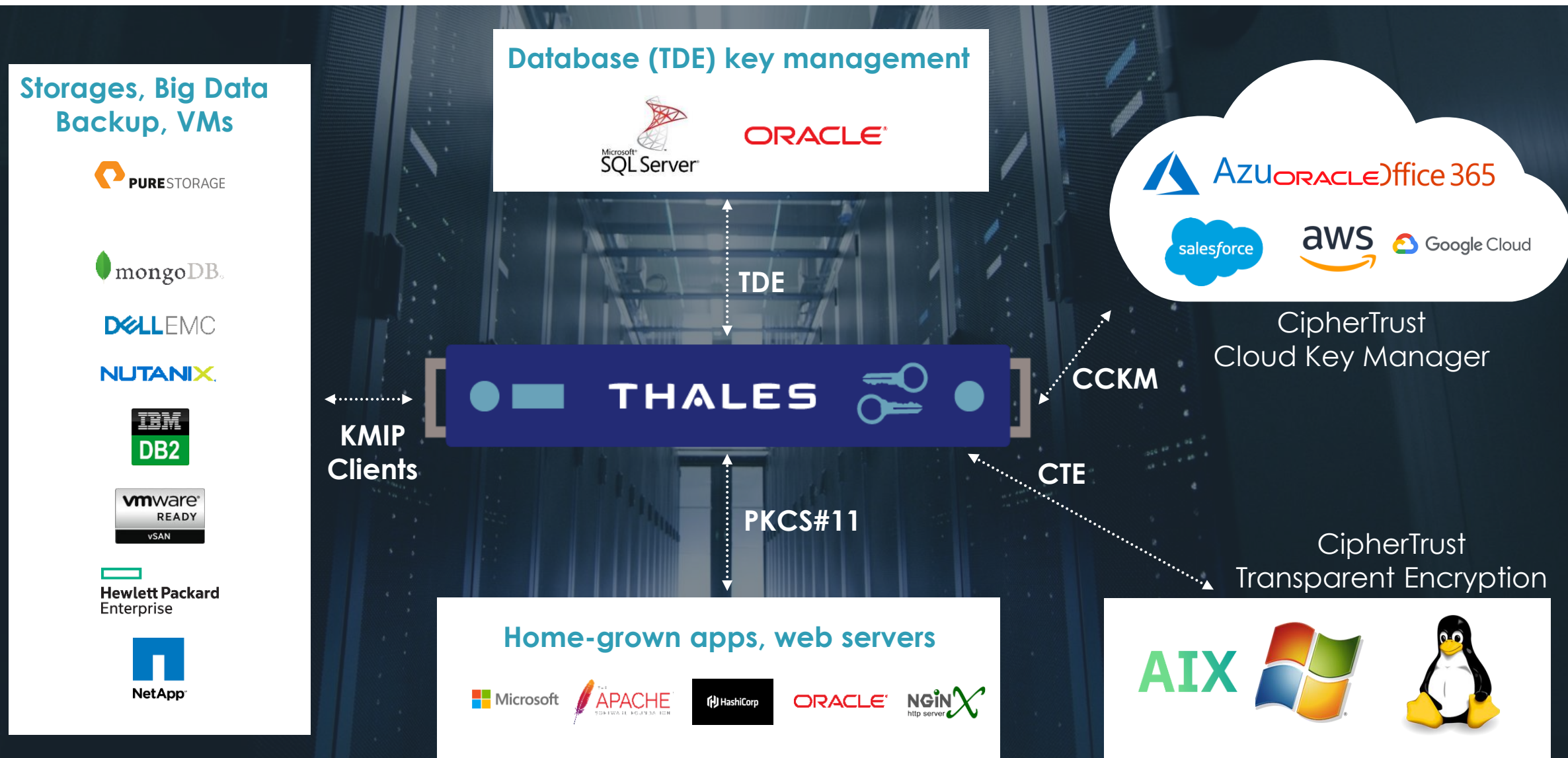


Enterprise
Key Management



Cloud
Key Manager

Jaké use case nasazujeme nejčastěji ???



Máte data pod kontrolou, pokud je máte v Cloudu ?

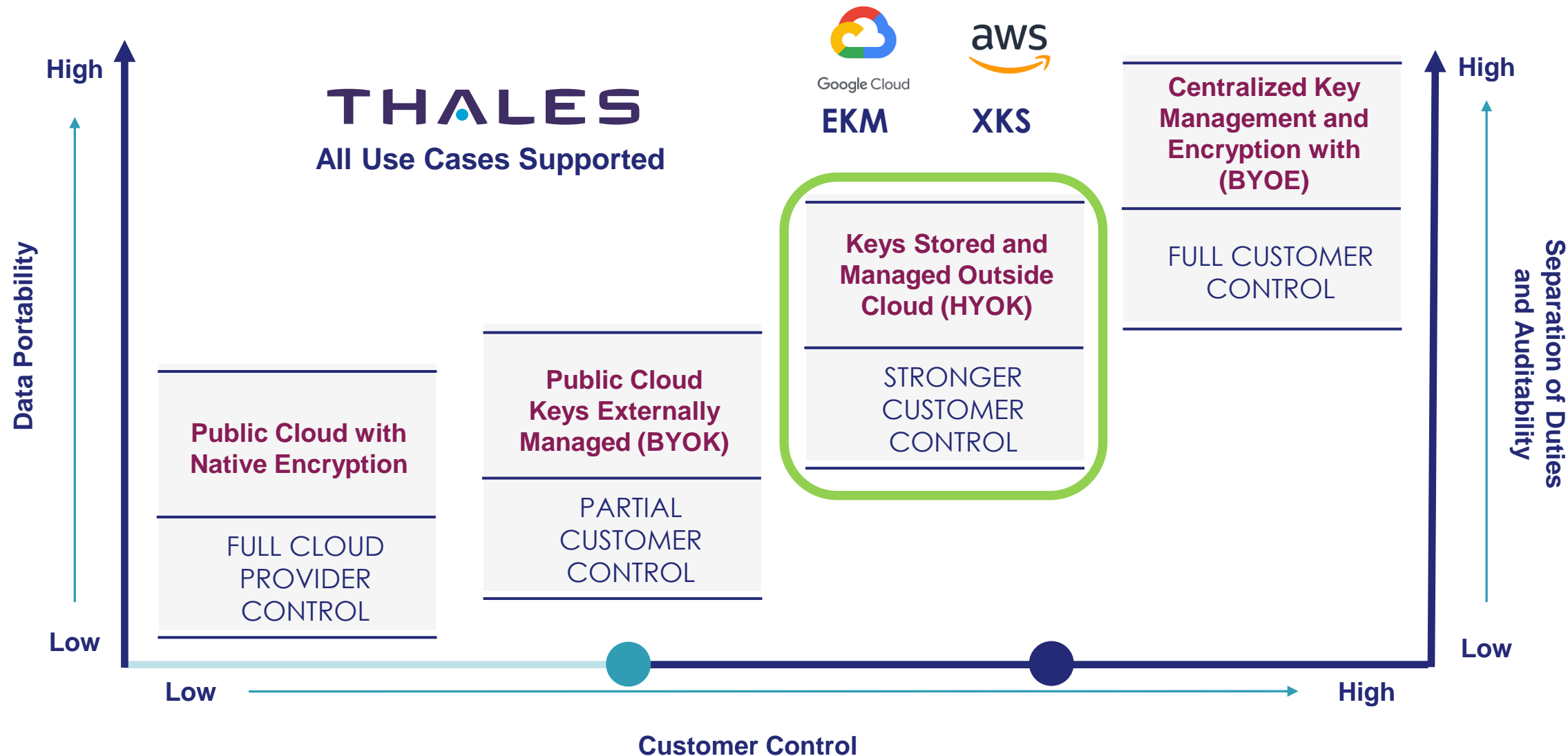


Digital sovereignty refers to the **ability to have control over your own digital destiny** – the data, hardware and software that you rely on and create.

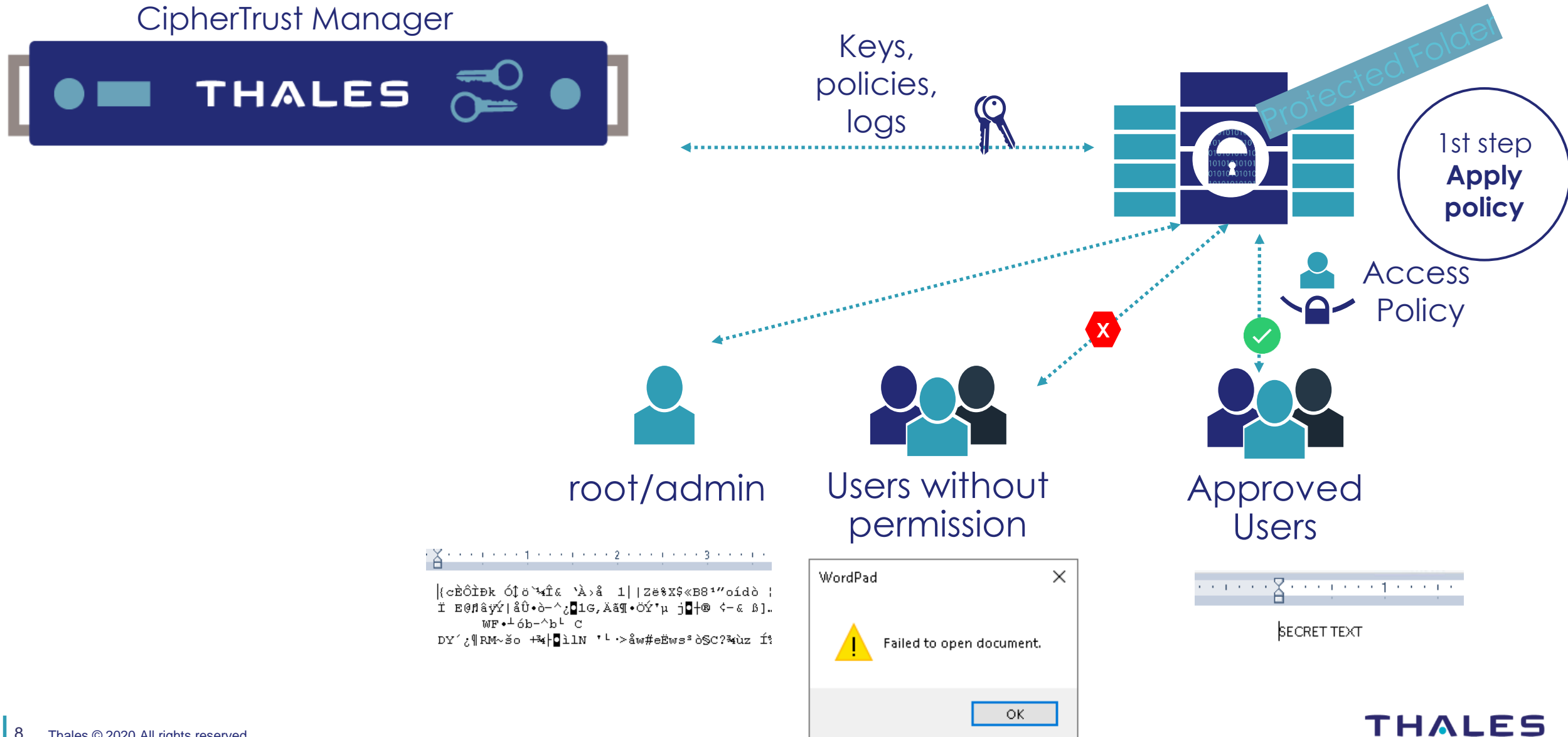
WORLD ECONOMIC FORUM

THALES

Jaké máme možnosti ?



CipherTrust Transparent Encryption – to si zamilujete !



Umí si to poradit i s Ransomware

CipherTrust Manager

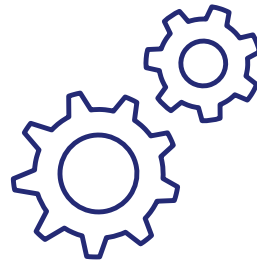
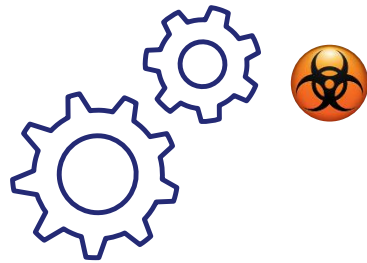


Keys,
policies,
logs

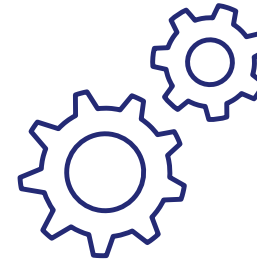


Protected Folder

Ransomware Protection



Notepad++

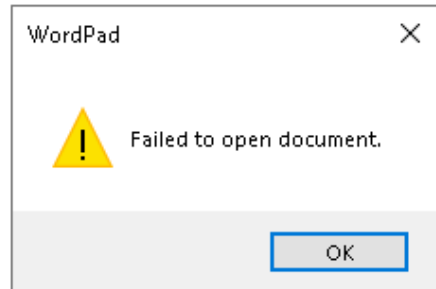
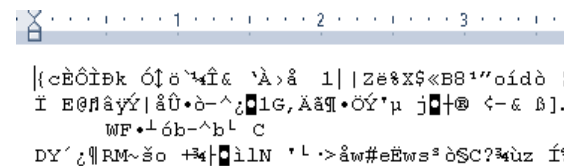


WordPad



MSWord

Access Policy



- Excessive data access
- Exfiltration
- Unauthorized encryption
- Impersonation with malicious actions

Thales is a Market leader in Data Protection

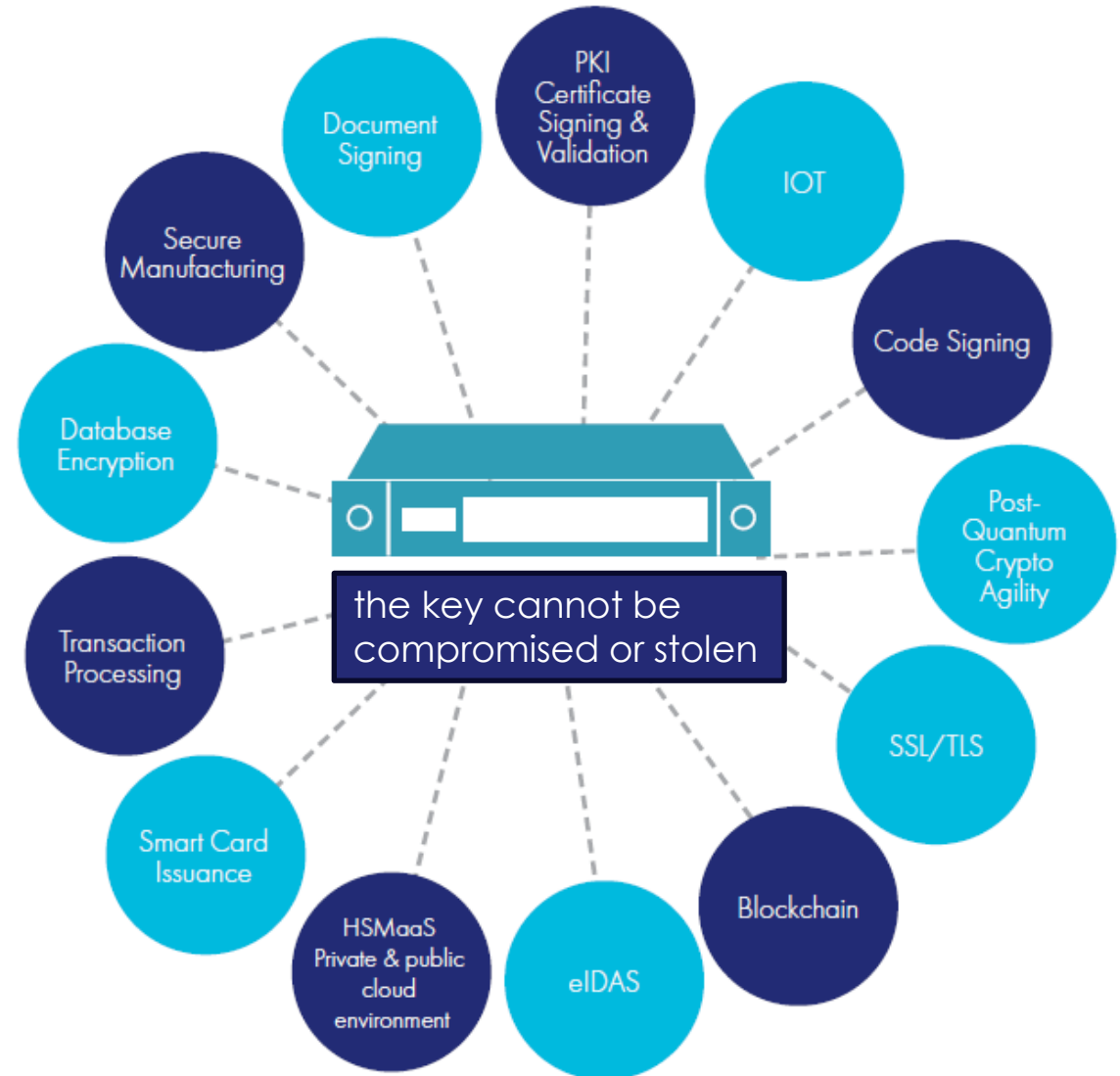
Keys always remain in FIPS 140-2 Level 3-validated, tamper-evident hardware . It owns QSCD (Common Criteria) certificate as well as NATO.

Market-leading performance

Highest security & compliance

Largest ecosystem of partners available

PKI, SSL/TLS, code signing, database encryption, cloud, quantum, IoT, Blockchain, eIDAS & more



“Hope is not a strategy”



Thales - The Market Leading Data Encryption



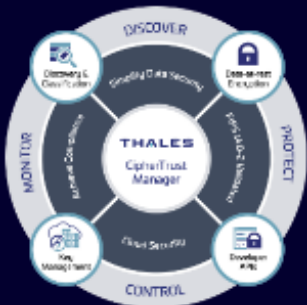
#1 General Purpose HSMs



#1 Payment HSMs



#1 Network Encryption



#1 MultiCloud Key Management


ACCELERATE 2023
AMBITION


Comprehensive platform


THALES CipherTrust Manager


root/catar


- Products
 - Access Management
 - Keys
 - CA
 - Alarms
 - Records
 - Quorums
 - Admin Settings



Data Discovery and Classification
Find Sensitive Data in your Systems



Cloud Key Manager
Manage and bring your own keys to the cloud



Transparent Encryption
Transparently Encrypt Data at Rest, On-premise and in the Cloud



Database Protection
Configure Column and Field Encryption for your Databases


ProtectFile & Transparent Encryption UserSpace
Configure File and Folder Encryption


KMIP
OASIS Key Management Interoperability Protocol


Application Data Protection
Application Encryption


Batch Data Transformation
Encrypt large volumes of data


Secrets Management
Manage application secrets with Akeyless Vault